

Eco-friendly in IT

Socomec UPS's dedication to improving its environmental impact is demonstrated yet again with the launch of a new range of innovative products under the 'Green Power' banner.

Green Power is a family of static UPS systems with power ranging from 100 to 200 kVA, for loads with power factor 0.9, designed especially for the IT industry. The main feature of this new range is its 96%* efficiency, more or less constant throughout the entire load curve.. Therefore, the range is clearly above standard, in terms of the energy consumption by the user. Obviously, this concern is not limited to the aspect of efficiency alone (albeit important). The range has highly evolved synoptics that guide the user through the operations to be performed, thanks to the very clear icons and colour coding.

Another particularly important aspect of the cost reduction is the battery management. The EBS (Expert Battery System) manages the recharging system taking into account the operating temperature, thus prolonging battery life and reducing running costs.

In addition, the BHC (Battery Health Check) system controls and maximises battery capacity. But the range has yet another distinguishing feature: its redundancy and optimisation can be applied to the batteries as well. With the Green Power range, the UPS batteries are shared with the other UPS, therefore increasing redundancy, autonomy or available power. The wide range of battery voltages makes it possible to optimise the number of accumulators.

The ventilation air intake and outlet design is based on the consolidated hot and cold air corridor procedures widely used in data centres.

Also, Socomec proposes Virtual-JNC, the virtual server shutdown client. Suitable for VMWare and MS Windows Virtual Server R2, a single Virtual-JNC controls the shutdown of all the virtual machines on the same physical server. The result is a tougher, more reliable process that maximises human resources in the management of multiple virtual servers.

The Green Power range is compatible with all communication protocols and supports the remote communication services proposed by Socomec UPS, therefore guaranteeing round-the-clock monitoring of the UPS 365 days a year, with user assistance in system monitoring questions.

These are all features designed to reduce economic and environmental costs, whilst guaranteeing the efficient operation of the user's systems and circuits.

*As certified by the third party certification agency TÜV SÜD

